Sedimentary and volcanic rocks

SOUTHEASTERN AREA

(South and east of Kandik basin)

QUATERNARY

JURASSIC

TRIASSIC

PERMIAN

PENNSYLVANIAN MISSISSIPPIAN

Eocene and Paleocene > TERTIARY

Lower Cretaceous

Upper and Upper(

Middle and Middle(?) Devonian

Late Proterozoic

Middle Proterozoic

Contact--Dotted where concealed; querried where uncertain

High-angle or listric normal fault--Bar and ball on down-

Strike-slip fault--Arrows show sense of relative slip

thrown side. Letters refer to LIST OF NAMED STRUCTURES

Axial trace of major fold--Dotted where concealed. Arrow shows

LIST OF NAMED STRUCTURES

Thrust faults

Normal faults

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MCT Midnight Creek thrust

NFT Nation Reef thrust

PCT Pass Creek thrust

PDCT Paddle Creek thrust

SCT Sitdown Creek thrust

Tatonduk thrust

Wedge thrust

WRT Wood River thrust

YT Yukon thrust

NRT Nation River thrust system

Snowy Peak thrust

TMT Threemile Creek thrust

WCT Waterfall Creek thrust

MNA Midnight Creek anticline

MNS Midnight Creek syncline

SMA Step Mountain anticline

TCS Tatonduk Creek syncline

Tributary anticline

WCA Webber Creek anticline

WNS West Nation syncline

WRS Wood River syncline

WA Woodchopper anticline

TMCA Threemile Creek anticline

WMS Windfall Mountain syncline

Nation anticline

Peb anticline

Pack syncline

Two anticline TCA Tatonduk Creek anticline

TCT Three Castle Mountain thrust

Thrust fault--Sawteeth on upper plate. Letters refer to LIST OF

Trace of bedding or marker bed

Overturned anticline

ACT Andrew Creek thrust

BLD Black River duplex

HLD Hard Luck duplex

JCT Judge Creek thrust

LCT Logan Creek thrust

BS Bly syncline

HFB Half fold belt

Hard anticline

Hard syncline

Hard Luck anticline

KMS Kathul Mountain syncline

MCA Michigan Creek anticline

Indian Grave syncline

Marlow Creek anticline

Marlow Creek syncline

(Calgary, Alberta), p. 57-79.

Map I-1942, scale 1:100,000.

Bulletin v. 93, no. 8, p. 959-783.

scale 1:100,000.

MBT Montauk Bluff thrust

CCT Cathedral Creek thrust

Kandik detachment

KMT Kathul Mountain thrust

Fourth-of-July Creek thrust

KRLS Kandik River listric fault system

BMCA Bear Mountain Creek anticline

Harrington Creek anticline

BMCS Bear Mountain Creek syncline

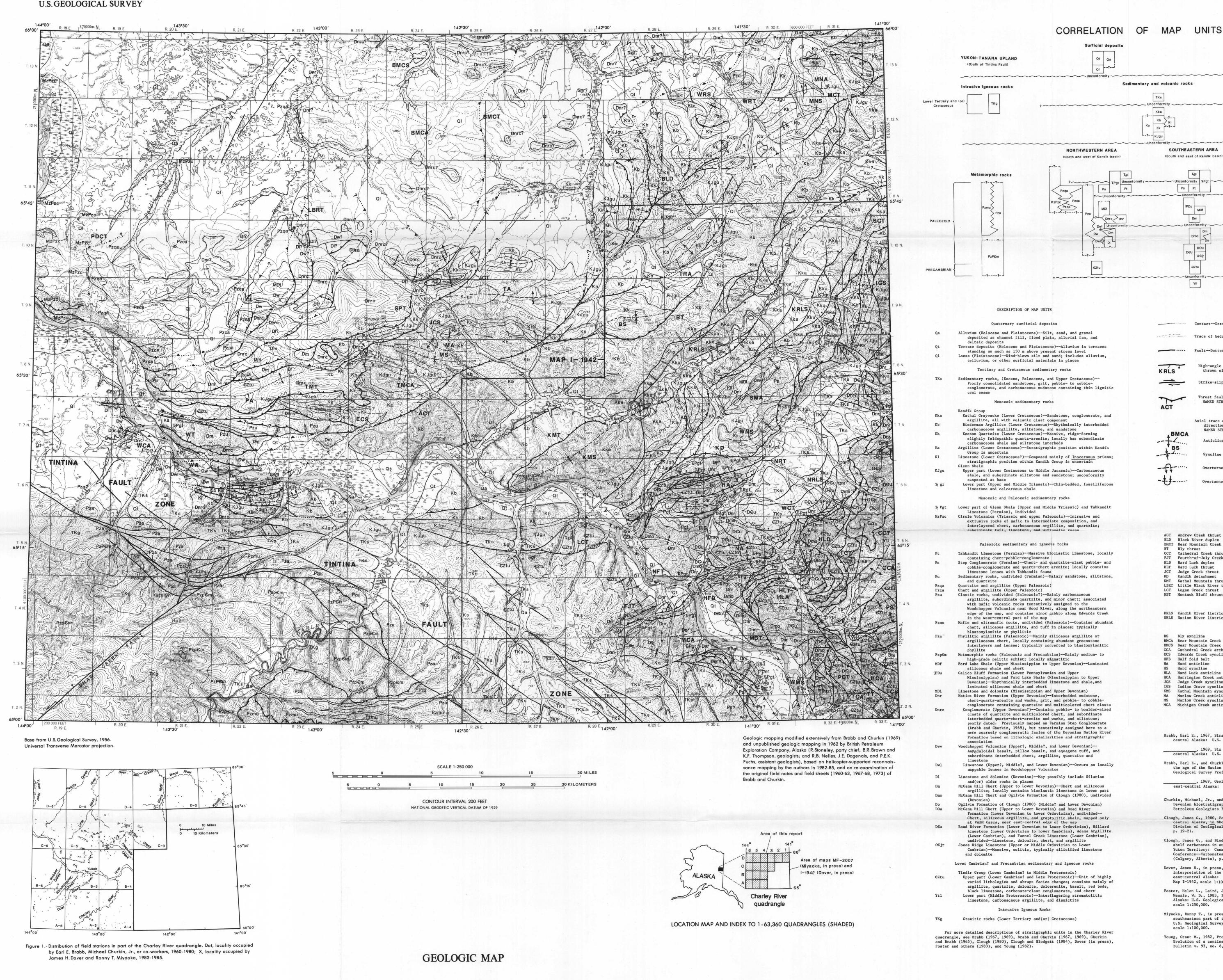
Edwards Creek syncline

CCA Cathedral Creek arch

NRLS Nation River listric fault system

BT Bly thrust

Lower Cambrian and (or) Late Proterozoic



## REINTERPRETED GEOLOGIC MAP AND FOSSIL DATA, CHARLEY RIVER QUADRANGLE, EAST-CENTRAL ALASKA

Interior-Geological Survey, Reston, Va.-1988